BENTSAI
INKJET CODING SOLUTIONS

B80 Series

Wide Format Inkjet Coding Printer

BENTSAI
100MM Printhead Height

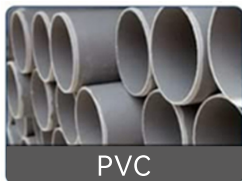|	
Box	Wood
Glass	Fabric
Ceremics	Aluminium foil
PVC	Aluminium

Highest Printable Character Size
- Max Content height: 92 mm.
- Adjustable multi-line printing.
- Flexible layout design and font import.

Variable Print Content
- Text, date, number, barcode, QR code, graphics, logos.
- Supports variable codes from database imports.

Print on Various Substrates
- Water-based and fast dry solvent-based inks.
- Suitable for porous and non-porous materials.

Refillable ink Catridge | 8 Hours Continous Printing

300dpi
300 DPI resolution | 4GB RAM

PRINTER SYSTEM

DISPLAY	5" HD Touch Screen
OPERATION SYSTEM	Linux based
SYSTEM LANGUAGES	English/German/French/Italian/Spanish/Portuguese/Slovenian/Serbo-Croatian/Czech/ Bulgarian/Romanian/Polish/Greek/Hungarian/Russian/Ukrainian/Slovak/Arabic/Persian/ Turkish/Chinese/Traditional-Chinese/Japanese/Korean/Hindi/Thai/Vietnamese/ Indonesian/Burmese/Hebrew（Available languages vary for different regions）
EMBEDDED MEMORY	4G
STATUS ALARM	Green: Ready ｜ Blue: Printing ｜ Red: Alarm
BATTERY	6000mAh #18650 lithium ion batteries x 2 ｜ Operating time up to 8 hours
WORKING ENVIRONMENT	Storage: -20℃-55℃ ｜ Working: 5℃-35℃ ｜ Humidity: 10%-80%
APPLICATION MODE	Handheld/Inline
POWER PORTS	USB-C 9V/5A Battery Charging
I/O PORTS	USB-A, USB-C, Power port, Sensor port, Beacon port, Encoder port
ACCESSORIES	Ink Cartridge*4, U-Disk*1, Positioning Plate*1, AC/DC Power Adaptor*1, Photocell Sensor*1

PRINTING FEATURES

TECHNOLOGY	Thermal Inkjet Printing Technology
CODING & MARKING TYPE	Text, Numbers, Images, Logo, 2D codes, Barcodes, Dates, Counter, Database and etc.
IMAGE FORMATS	JPG, JPEG, PNG, BMP
BARCODE FORMATS	Code128, Code39, EAN8/13, UPCA, ITF (2of5), ITF14
2D CODE FORMATS	QR, DM, GS1DM
FONTS	True type fonts, Dot-matrix fonts
PRINTABLE MATERIALS	Water-based ink for porous and semi-porous substrates: Paper/Corrugated box/ Wood Fiberboard/Textile and etc. Solvent-based ink for semi-porous and non-porous substrates: Plastic/Glass/Metal plate/ Alu-foil/Cable and etc.
INK THROW DISTANCE	2mm-5mm (Distance between nozzle plate and print object)
GRAY LEVEL OPTIONS	1-10
INK CARTRIDGES COLORS	Water-based Color options: Black, Cyan, Magenta, Yellow , Green Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green
PRINT HEIGHT	2.5mm- 92mm (1-40 Lines)
RESOLUTION	300 dpi
MAX PRINT SIZE	92 mm * 2100 mm
MAX PRINT SPEED	15m / min

PRODUCT MODELS

MODEL NAME	B80(Supports water-based cartridges only) /B85(supports both water- / solvent- based cartridges)
PRINTHEAD	100mm /4" (25.4mm*4)
OPERATING MODE	Handheld/Inline
DIMENSION	239mm*182mm*117mm
WEIGHT	1240g
PACKAGING	377mm*177mm*239mm ｜ 3930g